

Claims

1. A medical stethoscope head (1) comprising a body (2) with an inlet pipe (3) and at least one diaphragm portion (4) provided with a diaphragm (5) at its lower surface (10'), characterized in that at least one identifying-personalizing ring (11) provided with identifying-personalizing means (14) is mounted in any area of an upper surface (10) of said diaphragm portion (4), opposite to said diaphragm (5).

2. A medical stethoscope head according to claim 1, characterized in that the identifying-personalizing ring (11), at its surface adjacent to the diaphragm portion (4), is provided with at least one locating element (16) for explicit locating the identifying-personalizing ring (11) in defined angular position in relation to an axis (3') of said inlet pipe (3) of said body (2).

3. A medical stethoscope head according to claim 1 or 2, characterized in that the identifying-personalizing ring (11), at its at least one side surface (13, 13'), is provided with a fastening element (17) for disconnectable joining the identifying-personalizing ring (11) to the diaphragm portion (4).

4. A medical stethoscope head according to claim 1 or 2, characterized in that the identifying-personalizing ring (11), at its at least one upper surface (12) or lower surface (12'), is provided with at least one threaded hole (17"), in which an fastening element (17) for fixing an identifying-personalizing ring (11) to the diaphragm portion (4) is situated.

5. A medical stethoscope head according to claim 1 or 2, characterized in that the identifying-personalizing ring (11) is composed of at least two separate members.

6. A medical stethoscope head according to claim 1, characterized in that the identifying-personalizing ring (11) is made of any material or set of materials, which are connected each other in any combination.

7. A medical stethoscope head according to claim 1, characterized in that the identifying-personalizing ring (11) is an integral part with an elastic fastening ring (7) holding a diaphragm (5).

8. An identifying-personalizing ring (11) for a medical stethoscope head (1), comprising an upper and lower surfaces (12,12') and two side surfaces, outer (13) and inner (13'), characterized in that any identifying-personalizing means (14) is placed at said upper surface (12) and at least one locating element (16) is placed at

said lower surface (12'), adjacent to a diaphragm portion (4), for explicit locating the identifying-personalizing ring (14) in defined angular position in relation to an axis (3') of said inlet pipe (3) of said body (2).

9. An identifying-personalizing ring according to claim 8, characterized in that a fastening element (17), preferably thread, catch or recess, for connecting identifying-personalizing ring (14) with a diaphragm portion (4) is placed at said at least one side surface (13, 13') of the identifying-personalizing ring (14).

10. An identifying-personalizing ring according to claim 8, characterized in that a fastening element (17), which is in a form of a hole for placing a screw or a pin, is placed at said lower surface (12') of the identifying-personalizing ring.

11. An identifying-personalizing ring according to claim 1, characterized in that it comprises at least two members.

12. An identifying-personalizing ring according to claim 8, characterized in that it is made of any material or set of materials connected each other in any combination.

13. An identifying-personalizing ring according to claim 8, characterized in that an elastic fastening ring (7), being a integral part of the identifying-personalizing ring (14) is attached to said outer side surface (13).

14. A medical stethoscope head (1) comprising a body (2) having an inlet pipe (3) and at least one diaphragm portion (4), which is provided with diaphragm (5) at its lower surface (10'), characterized in that said diaphragm portion (4), at its upper surface (10), opposite to a diaphragm (5), is provided with any identifying-personalizing means (14), and said diaphragm portion (4) is disconnectable joined with said body (2) by at least one locating-connecting means (20), allowing exchanging of a diaphragm portion (4), and holding defined angular position of said diaphragm portion (4) in relation to an axis (3') of said inlet pipe (3) of said body (2).

15. A medical stethoscope head according to claim 14, characterized in that said identifying-personalizing means (14) of a diaphragm portion (4) is its area distinguished by any elements and by any techniques.

16. A medical stethoscope head according to claim 14, characterized in that said identifying-personalizing means (14) is an identifying-personalizing ring (11) which is placed in any area at an upper surface (10) of a diaphragm portion (4) and is provided with at least one locating element (16) for explicit locating the identifying-personalizing ring (11) in defined angular position in relation to an axis (3') of said

inlet pipe (3) of said body (2).

17. A medical stethoscope head according to claim 14, characterized in that said locating-connecting means (20) is selected from a screw joint, pin joint, bayonet joint and snap joint.

18. A diaphragm portion (4) for a medical stethoscope head (1) having concave lower surface, at which a diaphragm (5) is fastened, and opposite upper surface, characterized in that it is provided with any identifying-personalizing means (14) at its upper surface (10), and is provided with at least one element (21) for disconnectable joining it to a body (2) of a medical stethoscope head (1), and further having at least one locating element (22) for explicit locating the diaphragm portion (4) in defined angular position in relation to an axis (3') of said inlet pipe (3) of said body (2).

19. A diaphragm portion according to claim 18, characterized in that said identifying-personalizing means (14) is an area which is distinguished by any elements and/or by any techniques.

20. A diaphragm portion according to claim 18, characterized in that at its upper surface (10) an annular recess (15) for placing an identifying-personalizing ring (11) is formed.